

LAN

PLANNING | ENGINEERING | PROGRAM MANAGEMENT

Melissa Mack

Vice President and Principal at Lockwood, Andrews & Newnam, Inc.

LAN

• Lockwood, Andrews & Newnam, Inc.

Houston, Texas, United States · [Contact info](#)

500+ connections

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About

Experienced civil engineer focused on water system hydraulic and transient analysis for municipal water systems. Background includes hydraulic and transient modeling, water systems master planning, pump station design, large diameter water line route evaluation and design, and hydraulic analysis. ...see more

Activity

805 followers

Posts

Comments

Images

Melissa Mack · 3rd+
Vice President and Principal at Lockwo...
3w · Edited · 🌐

Honored to moderate at #ACE2025 for our combined [American Water Works Association](#) EMAC and Asset Management ...more

1/2

👍❤️🔁42 · 1 repost

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Melissa Mack
Vice President ar...
1mo · 🌐

Excited to be a part of the 2025 ACE2025 leaders! Congratulations to all participants!

Water For People

42,464 followers

Drumroll, please! 🥁

Meet our 2025 Kennebec Valley Water Award winners!

👍❤️🔁55 · 12 comments

Show all posts →

https://www.linkedin.com/in/melissa-mack-334179a/

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Experience



Vice President, Principal

Lockwood, Andrews & Newnam, Inc. · Full-time
May 2001 – Present · 24 yrs 3 mos
Conroe, Texas, United States

Education



Imperial College London

Master of Engineering - MEng, Hydrology and Water Resources Science
1999 – 2000



Massachusetts Institute of Technology

Bachelor of Engineering - BE, Mechanical Engineering
1993 – 1997

Licenses & certifications



Confined Space Entry Course

OSHA Safety Training Institute

Professional Engineer (PE)

Illinois Department of Financial and Professional Regulation

Show all 7 licenses & certifications →

Projects

Gulf Coast Water Authority Industrial Pump Station

Feb 2013 – Present



Associated with Lockwood, Andrews & Newnam, Inc.

Show project ↗

Project Manager for a new 97-MGD pump station which provides raw water to industrial contract customers. Served as primary contact between GCWA and th...

City of Houston Water Model Development

Aug 2016 – Jun 2019

Lead modeler for development of an all-pipes hydraulic model of the City of Houston's entire water distribution system. Built in Bentley's WaterGEMS, the All...

Show all 6 projects →

Volunteering

Website Chair

Houston Engineer's Week Committee

Member

SAME/APWA CIP Briefing Committee

Show all 4 volunteer experiences →

Skills

Project Planning



Endorsed by David Taylor who is highly skilled at this



Endorsed by 5 colleagues at Lockwood, Andrews & Newnam, Inc. (LAN)

10 endorsements

Civil Engineering

Endorsed by Brandon Nguyen, P.E. who is highly skilled at this

Endorsed by 10 colleagues at Lockwood, Andrews & Newnam, Inc. (LAN)

19 endorsements

Recommendations

ReceivedGiven

Lisa Lattu

Senior Project Manager at Lockwood, Andrews & Newnam, Inc.
December 16, 2020, Lisa worked with Melissa but they were at different companies

Melissa is a joy to work with. She listens and learns what you want/need and uses her expertise and connections to deliver. Melissa makes you feel understood and secure that she's actively working on your behalf for the best project and outcome. She's kind and generous with her knowledge making space in discussions for questions and learning for everyone involved with the project. In the 15 years that we worked together, I never found a better ally for my utility.

Publications

Large Diameter Waterline Shutdowns – Thinking Ahead

2012 Florida AWWA Conference · Nov 1, 2012

This paper discusses developing a method for prioritizing and the planning and coordination necessary to shut down large diameter waterlines.

A Change in System Supply

2011 ASCE Pipelines Conference · Jul 1, 2011

This paper discusses the planning & modeling effort s to assist the City of Conroe in surface water conversion.

Show all 10 publications →

Honors & awards

2006 Young Engineer of the Year

Issued by Texas Society of Professional Engineers, Greater Houston Chapter · Jan 2006

Associated with Lockwood, Andrews & Newnam, Inc.

Organizations

American Society of Civil Engineers

Member

American Water Works Association

Member


Show all 4 organizations →


Interests


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https://www.linkedin.com/in/melissa-mack-334179a/

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Ryan Reynolds 
Part-Time Actor, Business Owner
3,647,774 followers
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Simon Sinek 
Optimist, New York Times bestselling author of "Start with Why" and "The Infinite Game", and founder of The Optimism Company
8,600,519 followers
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More profiles for you





Behnaz Khakbaz, Ph.D., P.E.  · 3rd+
Technical Leader at Lockwood, Andrews & Newnam, Inc.
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Serving the Public Sector | Stormwater Management | Freese and Nichols
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Wayne Swafford  · 3rd+
Chief Development Officer at
Lockwood, Andrews and Newnam, Inc.
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Venus Nahid Price, PE  · 3rd+
Water Resources Leader, Lockwood, Andrews & Newnam, Inc.
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Flor A. Canahuati, P.E.,CFM  · 3rd+
Principal - AGC Group, Inc.
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--Critical Care Thinker, Advocate, Compassionate, Dependable


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Registered Nurse at Premise Health

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DIANE KOWALSKI MD, MMSc  · 3rd+
Physician, Professor of Medical Science,
Quinnipiac University School of Health Sciences,...

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People you may know



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Registered Nurse at MercyOne

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Camryn Shaw 
Registered Nurse at MercyOne

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